



Lattice Wins 2026 CyberSecurity Breakthrough Award for Industry-First PQC-Enabled FPGAs

October 8, 2026

HILLSBORO, Ore.--(BUSINESS WIRE)--Oct. 8, 2026-- [Lattice Semiconductor](#) (NASDAQ: LSCC), the low power programmable and platform firmware leader, today announced its Lattice MachXO5™-NX TDQ FPGA family was named a [2026 CyberSecurity Breakthrough Award](#) winner in the "Post-quantum cryptography (PQC) Solution of the Year" category. Industry-first PQC-enabled Lattice MachXO5-NX TDQ FPGAs equip modern infrastructure to withstand quantum-enabled cyberattacks, combining robust security, proven reliability, and the flexibility to adapt as cryptographic standards evolve.

"As organizations prepare long-lifecycle infrastructure for evolving security requirements, they need solutions that deliver strong protection from day zero," said Eric Sivertson, VP of Security Business, Lattice Semiconductor. "This recognition underscores Lattice's commitment to helping customers deploy hardware-rooted security, crypto-agility, and PQC capabilities in systems shipping today."

"This FPGA from Lattice Semiconductor redefines what programmable silicon can deliver. Organizations need quantum-resistant security now - not in the future, and they require secure, scalable, and adaptable solutions that can be deployed immediately and evolve as standards change," said Steve Johansson, Managing Director, CyberSecurity Breakthrough. "By combining CNSA 2.0-compliant PQC, crypto-agility, and hardware-based trust in a low power FPGA, Lattice MachXO5-NX TDQ FPGAs enable quantum-ready security to be deployed today."

To learn more about Lattice's FPGA security solutions, visit the [Lattice FPGA Security Solutions](#) webpage. For more information about the Lattice MachXO5-NX TDQ FPGA family, visit the [Lattice website](#).

About Lattice Semiconductor

Lattice Semiconductor (NASDAQ: LSCC) is the low power programmable and platform firmware leader. We solve customer challenges from the Edge to the Cloud, in the growing Compute, Communications, Industrial, and Embedded markets. With the addition of AMI's industry-leading, silicon-neutral platform firmware and infrastructure manageability solutions, Lattice now delivers the industry's most complete secure management and control platform for cloud and AI data center infrastructure. Our technology, long-standing relationships, and commitment to world-class support let our customers quickly and easily unleash their innovation to create a smart, secure, and connected world. For more information about Lattice, please visit www.latticesemi.com and follow us via [LinkedIn](#), [X](#), [YouTube](#), [Facebook](#), [WeChat](#), and [Weibo](#).

Lattice Semiconductor Corporation, Lattice Semiconductor (& design), AMI, and specific product designations are either registered trademarks or trademarks of Lattice Semiconductor Corporation or its subsidiaries in the United States and/or other countries. The use of the word "partner" does not imply a legal partnership between Lattice and any other entity.

GENERAL NOTICE: Other product names used in this publication are for identification purposes only and may be trademarks of their respective holders

View source version on businesswire.com: <https://www.businesswire.com/news/home/20261008747872/en/>

MEDIA CONTACT:

Sophia Hong
Lattice Semiconductor
503-268-8786
Sophia.Hong@latticesemi.com

INVESTOR CONTACT:

Rick Muscha
Lattice Semiconductor
408-826-6000
Rick.Muscha@latticesemi.com

Source: Lattice Semiconductor